

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGHLY BRANCHED PERFLUOROOLEFINS, SUPER-STABLE PERFLUOROALKYL RADICALS AND PRODUCTION METHODS THEREOF**

the application of which

is attached hereto

OR

was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ (Confirmation No. \_\_\_\_\_), and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed Yes	No
2001-352474	JP	November 16, 2001	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
-----------------------	-------------

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status
---	-----------------------------------	--------

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

\*23373\*

23373

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## NAME OF SOLE OR FIRST INVENTOR:

Given Name (first and middle [if any]) Taizo		Family Name or Surname ONO	
---	--	----------------------------	--

Inventor's Signature		Date
----------------------	--	------

Residence: City Nagoya-shi	State AICHI	Country Japan	Citizenship Japanese
c/o AIST Chubu National Institute of Advanced Industrial Science and Technology			
Mailing Address: 2266-98, Anagahora, Shimoshidami, Moriyama-ku			

City Nagoya-shi	State AICHI	Zip 463-8560	Country Japan
-----------------	-------------	--------------	---------------

## NAME OF SECOND INVENTOR:

Given Name (first and middle [if any]) Masakazu		Family Name or Surname NISHIDA	
--	--	--------------------------------	--

Inventor's Signature		Date
----------------------	--	------

Residence: City Nagoya	State AICHI	Country Japan	Citizenship Japanese
c/o AIST Chubu National Institute of Advanced Industrial Science and Technology			
Mailing Address: 2266-98, Anagahora, Shimoshidami, Moriyama-ku			

City Nagoya-shi	State AICHI	Zip 463-8560	Country Japan
-----------------	-------------	--------------	---------------

## NAME OF THIRD INVENTOR:

Given Name (first and middle [if any]) Masaharu		Family Name or Surname OKAZAKI	
--	--	--------------------------------	--

Inventor's Signature		Date
----------------------	--	------

Residence: City Nagoya	State AICHI	Country Japan	Citizenship Japanese
c/o AIST Chubu National Institute of Advanced Industrial Science and Technology			
Mailing Address: 2266-98, Anagahora, Shimoshidami, Moriyama-ku			

City Nagoya-shi	State AICHI	Zip 463-8560	Country Japan
-----------------	-------------	--------------	---------------

## NAME OF FOURTH INVENTOR:

Given Name (first and middle [if any]) Kazumi		Family Name or Surname TORIYAMA	
--	--	---------------------------------	--

Inventor's Signature		Date
----------------------	--	------

Residence: City Nagoya	State AICHI	Country Japan	Citizenship Japanese
c/o AIST Chubu National Institute of Advanced Industrial Science and Technology			
Mailing Address: 2266-98, Anagahora, Shimoshidami, Moriyama-ku			

City Nagoya-shi	State AICHI	Zip 463-8560	Country Japan
-----------------	-------------	--------------	---------------

## NAME OF FIFTH INVENTOR:

Given Name (first and middle [if any]) Tetsuo		Family Name or Surname SHIMIZU	
--	--	--------------------------------	--

Inventor's Signature <i>Tetsuo Shimizu</i>		Date NOV. - 5 2002
--	--	--------------------

Residence: City Settsu	State OSAKA	Country 566-8585	Citizenship Japanese
c/o Daikin Industries, Ltd., Yodogawa Plant.			
Mailing Address: 1-1, Nishihitotsuya			

City Settsu-shi	State OSAKA	Zip 566-8585	Country Japan
-----------------	-------------	--------------	---------------

## Assignment

Whereas, I/We, Taizo ONO, Masakazu NISHIDA, Masaharu OKAZAKI, Kazumi TORIYAMA of c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology of 2266-98, Anagahora, Shimoshidami, Moriyama-ku, Nagoya-shi, AICHI 463-8560 JAPAN; and Tetsuo SHIMIZU of c/o Daikin Industries, Ltd., Yodogawa Plant, of 1-1, Nishihitotsuya, Settsu-shi, OSAKA 566-8585 JAPAN, respectively, hereinafter called assignor(s), have invented certain improvements in HIGHLY BRANCHED PERFLUOROLEFINS, SUPER-STABLE PERFLUOROALKYL RADICALS AND PRODUCTION METHODS THEREOF and executed an application for Letters Patent of the United States of America therefor on November 5, 2002; and

Whereas, National Institute of Advanced Industrial Science and Technology of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, and DAIKIN INDUSTRIES LTD. of Umeda Center Bldg., 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date:	NOV. - 5. 2002	<i>Taizo Ono</i>
		s/Taizo ONO
Date:	NOV. - 5. 2002	<i>Masakazu Nishida</i>
		s/Masakazu NISHIDA
Date:	NOV. - 5. 2002	<i>Masaharu Okazaki</i>
		s/Masaharu OKAZAKI
Date:	NOV. - 5. 2002	<i>Kazumi Toriyama</i>
		s/Kazumi TORIYAMA
Date:		<i>Tetsuo Shimizu</i>
		s/Tetsuo SHIMIZU

## Assignment

Whereas, I/We, Taizo ONO, Masakazu NISHIDA, Masaharu OKAZAKI, Kazumi TORIYAMA of c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology of 2266-98, Anagahora, Shimoshidami, Moriyama-ku, Nagoya-shi, AICHI 463-8560 JAPAN; and Tetsuo SHIMIZU of c/o Daikin Industries, Ltd., Yodogawa Plant, of 1-1, Nishihitotsuya, Settsu-shi, OSAKA 566-8585 JAPAN, respectively, hereinafter called assignor(s), have invented certain improvements in HIGHLY BRANCHED PERFLUOROOLEFINS, SUPER-STABLE PERFLUOROALKYL RADICALS AND PRODUCTION METHODS THEREOF and executed an application for Letters Patent of the United States of America therefor on November 5, 2002 : and

Whereas, National Institute of advanced Industrial Science and Technology of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921, and DAIKIN INDUSTRIES,LTD. of Umeda Center Bldg., 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor.

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date:

s/Taizo ONO

Date:

s/Masakazu NISHIDA

Date:

s/Masaharu OKAZAKI

Date:

s/Kazumi TORIYAMA

Date:

NOV. - 5. 2002

s/Tetsuo SHIMIZU

Tetsuo Shimizu